

**IN THE SPECIFICATION**

Please amend the paragraph bridging page 3, line 18 to page 4, line 6, as follows:

B1 Exemplary embodiments of the invention are shown in FIGURES 1 and 2 and illustrate a light source or lamp 100 comprising a double-ended envelope 102 having a central ellipsoidal portion and tubular portions extending from each end thereof and housing a filament 104. The filament 104 is electrically and mechanically connected at first and second ends by first and second lead wires 100, 112, respectively. The envelope 102 contains a halogen gas and a fill-gas. The halogen gas in the present invention is a halogen mixed with methyl bromide; however, other gas mixtures are encompassed by the scope of the present invention. The fill gas is preferably selected from the group consisting of xenon, krypton, argon and mixtures of these gases with nitrogen.

**IN THE CLAIMS:**

Cancel claims 6, 7, 15, and 16 from further consideration herein.

Amend claims 4, 10, 12, 13, and 19 as follows:

B2 4. (Amended) The light source of claim 1 wherein the ellipsoidal portion having first and second foci associated therewith; and wherein the length of the filament fits substantially between the first and second optical foci for absorbing substantially all of the radiation reflected from the infrared reflective filter and the totally reflecting coating.

B3 C1 10. (Amended) A light source comprising:  
a lamp envelope made of a light transmissive material having an ellipsoidal portion;  
a filament disposed within the envelope;

an infrared reflective filter coating disposed on at least a portion of the lamp envelope in surrounding relation to the filament;

*new*  
*BCI*  
a totally reflecting coating disposed on an end of the envelope in surrounding relation to the filament formed of one of a silver and aluminum coating to direct radiation toward the filament.

---

*BCI*  
12. (Amended) The light source of claim 10 wherein the totally reflecting coating is provided on tubular portions extending from opposite ends of the ellipsoidal portion.

---

13. (Amended) The light source of claim 12 wherein the ellipsoidal portion has first and second foci associated therewith; and wherein the length of the filament is located substantially between the first and second optical foci for absorbing substantially all of the radiation reflected from the infrared reflective filter and the totally reflecting coating.

---

*BCI*  
19. (Amended) The light source of claim 18 wherein the totally reflecting coating is provided on end regions of the ellipsoidal portion of the envelope and tubular portions extending from opposite ends of the ellipsoidal portion.

---

Add new claims 21-24 as follows:

---

*BCI*  
21. A light source comprising:  
a lamp envelope made of a light transmissive material, wherein the envelope has an ellipsoidal portion having first and second foci associated therewith and disposed centrally between tubular portions disposed on opposite ends of the ellipsoidal portion;  
a filament centrally disposed within the envelope wherein the length of the filament fits substantially between the first and second optical foci for absorbing substantially all of the radiation reflected from the infrared reflective filter and the totally reflecting coating;

an infrared reflective filter coating disposed on at least a portion of the lamp envelope in surrounding relation to the filament; and

a totally reflecting coating disposed on at least one end of the envelope in surrounding relation to the filament.

*incld  
B*

22. The light source of claim 21 wherein the totally reflecting coating is disposed on both first and second ends of the envelope subtending an angle of 45° and less measured from an axis aligned with the filament.

*C1*

23. The light source of claim 22 wherein the totally reflecting coating also extends over the tubular portions of the envelope.

24. The light source of claim 21 wherein the totally reflecting coating is disposed on both ends of the envelope subtending an angle from approximately 22° to 45° from an axis aligned with the filament.

---